

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A stacked plate heat exchanger, comprising a multiplicity of plates (12, 13) of a first type and a second type stacked on top of one another so as to form first flow passages for a first medium and second flow passages for a second medium, wherein pairs formed by one first type and one adjacent second type of plates define between them said first flow passage, and adjacent pairs of plates form between the adjacent pairs said second flow passages, the stack of plates (12, 13) forming a heat exchanger block (2) having a top side and an underside and having in each case two opposite side faces (10) and opposite end faces (9), and wherein the first flow passages for the first medium being are closed at their peripheral sides and being are in fluid communication with distribution and collection passages, which are arranged perpendicular to the plane of the plates and respectively open out into inlet and outlet connection pieces (6, 7) arranged on the top side and/or underside of the heat exchanger block (3, 11), wherein characterized in that the second flow passages (24) are designed to be largely open at the end faces (9) and closed at the side faces (10), and in that such that the open sides (9) form an inlet plane and an outlet plane for the second medium, and wherein the second type of plates have lateral flanged edges which are bent at a right angle with respect to the plane of the second type plate in a direction away from its respectively paired first type plate and toward the adjacent pair of plates, and in the bent portion of the lateral flanged edge contains a solder surface adapted to be soldered to at least one of the first type or second type plate of the adjacent pair of plates, to close off the second flow passages at the side faces with respect to the outside and form the side faces of the heat exchanger block;
2. **(Currently Amended)** The plate heat exchanger as claimed in claim 1, ~~characterized in that~~ further comprising an inlet box and an outlet box (4, 5) for the second medium are connected to the end faces (9).
3. **(Currently Amended)** The plate heat exchanger as claimed in claim 2, ~~characterized~~

~~in that~~ wherein the inlet and outlet boxes (4,5) are each designed as independent structural units ~~and can be~~ joined to the heat exchanger block (2).

4. **(Currently Amended)** The plate heat exchanger as claimed in claim 2, ~~characterized in that~~ wherein the inlet and outlet boxes (4,5) have inlet and outlet connection pieces (8) that are aligned with one another.

5. **(Currently Amended)** The plate heat exchanger as claimed in claim 2, ~~characterized in that~~ wherein at the inlet and outlet boxes (4,5) the inlet and outlet connection pieces (8) are arranged at a predeterminable angle of up to 90° with respect to the main direction of flow.

6. **(Currently Amended)** The plate heat exchanger as claimed in claim 1, ~~characterized in that~~ wherein the inlet and/or outlet boxes (4,5) are formed by bent sheet-metal strips and cover plates (3a, 11a; 3b, 11b) which protrude beyond the end faces (9).

7. **(Currently Amended)** The plate heat exchanger as claimed in claim 1, ~~characterized in that~~ wherein the first type of plate (12) has a recess (17) with a surrounding flat fold (12a), in that the second type of plate (13) has a planar region (13b) covering the fold (12a), and in that each pair of the first and second types of plates (12, 13) are joined to one another in the region of the fold (12a) and between them enclose the first flow passage for the first medium.

8. **(Cancel)**

9. **(Currently Amended)** The plate heat exchanger as claimed in claim 1, ~~characterized in that~~ wherein the distribution and collection passages (22, 23) are formed by passage sections (18, 19; 20, 21) which are arranged between the respective plates of each pair of plates (12, 13) and connect the plates of each pair together ~~latter~~.

10. **(Currently Amended)** The plate heat exchanger as claimed in claim 9, ~~characterized in that~~ wherein the passage sections are designed as cup-like elevations ~~(18, 19; 20, 21)~~ and

are shaped out of the plates (12,13).

11. **(Currently Amended)** The plate heat exchanger as claimed in claim 10, ~~characterized in that~~ wherein the cup-like elevations (18,19,20,21) are arranged outside the main direction of flow.

12. **(Currently Amended)** The plate heat exchanger as claimed in claim 1, ~~characterized in that~~ further comprising metal turbulence plates (14) ~~are~~ arranged in the first and/or second flow passages (24).

13. **(Cancelled)**

14. **(Currently Amended)** The plate heat exchanger as claimed in claim ~~[[13]]~~ 1, ~~characterized in that~~ wherein the flanged edges (28a) ~~are angled once and~~ form an overlap ~~[[a]]~~ with the flanged edge (28a) of the ~~adjacent~~ second type of plate in the adjacent pair of plates (28).

15. **(Currently Amended)** The plate heat exchanger as claimed in claim ~~[[13]]~~ 1, ~~characterized in that~~ wherein the flanged edges (13a) are angled twice and form a C section (13e) which bears against a ~~n~~ adjacent second type of plate in the adjacent pair of plates (13).

16. **(Currently Amended)** The plate heat exchanger as claimed in claim ~~[[13]]~~ 1, ~~characterized in that~~ wherein the flanged edges (30a) form a C section (30e) which bears against the ~~adjacent~~ first type of plate in the adjacent pair of plates (31,32).

17. **(Currently Amended)** The plate heat exchanger as claimed in claim ~~[[13]]~~ 1, ~~characterized in that~~ wherein the first type of plates (34) have lateral flanged edges (36a), and ~~in that~~ the flanged edges (36a,35a) of the first and second types of plates (34,35) are oppositely directed and are arranged so as to bear against one another.

18. **(Currently Amended)** The plate heat exchanger as claimed in claim ~~[[13]]~~ 1,

characterized in that wherein the flanged edge (13a) is angled twice and forms a C section with a free limb (39e) which on one side bears against the ~~adjacent~~ first type of plate (38, 40a) and on the other side bears against the ~~adjacent~~ second type of plate in the adjacent pair of plates (39, 39b).

19. **(Previously Presented)** A charge air/coolant cooler having the plate heat exchanger as claimed in claim 1.

20. **(Previously Presented)** An exhaust gas/coolant cooler having the plate heat exchanger as claimed in claim 1.

21. **(New)** A stacked plate heat exchanger as claimed in claim 1, wherein the side faces are generally planar.